

050704  
3281 U.S.P.T.O.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	116511-00133
First Inventor or Application Identifier	Jang-keun OH
Title	CYCLONE SEPARATING APPARATUS AND VACUUM CLEANER EQUIPPED WITH THE SAME

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Commissioner for Patents  
Box Patent Application  
Alexandria, VA 22313

1.  Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27
3.  Specification Total Pages 17
4.  Drawing(s) (35 U.S.C. 113) Total Sheets 4
5.  Oath or Declaration Total Pages 2
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation / divisional w/ box 16 completed)
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).
6.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7.  Application Data Sheet. See 37 CFR 1.76
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification or Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  Paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. §3.73(b) Statement  Power of Attorney  
(when there is an assignee)
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  White Advance Serial No. Postcard
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other:

## 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application no.:

Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. Amend the specification by inserting before the first line the sentence:

 This application is a  Continuation  Division  Continuation-in-part (CIP)  
of application Serial No. Filed on This application claims priority of provisional application Serial No. Filed

## 20. CORRESPONDENCE ADDRESS

BLANK ROME LLP  
THE WATERGATE  
600 NEW HAMPSHIRE AVENUE, NW  
WASHINGTON, DC 20037  
TEL (202) 772-5800 FAX (202) 572-8398



27557

PATENT TRADEMARK OFFICE

Name:	Michael C. Greenbaum	Registration No.:	28,419
Signature:		Date:	May 7, 2004

17548 U.S.P.T.O.  
10/840229

050704

# **FEE TRANSMITTAL**

## **for FY 2004**

*Patent fees are subject to annual revision.*

**TOTAL AMOUNT OF PAYMENT** (\$ 810.00)

<i>Complete if Known</i>	
Application Number	Unassigned
Filing Date	May 7, 2004
First Named Inventor	Jang-keun OH
Examiner Name	Unassigned
Group / Art Unit	Unassigned
Attorney Docket No.	116511-00133

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																															
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees or credit any over payments to:				<b>3. ADDITIONAL FEES</b>																																															
Deposit Account Number		23-2185		Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description																																											
Deposit Account Name		BLANK ROME LLP		105	130	205	65	Surcharge - late filing fee or oath																																											
				127	50	227	25	Surcharge - late provisional filing fee or cover sheet.																																											
				139	130	139	130	Non-English specification																																											
				147	2,520	147	2,520	For filing a request for reexamination																																											
				112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																											
				113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																											
				115	110	215	55	Extension for reply within first month																																											
				116	420	216	210	Extension for reply within second month																																											
				117	950	217	475	Extension for reply within third month																																											
				118	1,480	218	740	Extension for reply within fourth month																																											
<b>FEE CALCULATION</b>																																																			
<b>1. BASIC FILING FEE</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>770</td> <td>201</td> <td>385</td> <td>Utility filing fee</td> <td>770</td> </tr> <tr> <td>106</td> <td>340</td> <td>206</td> <td>170</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>530</td> <td>207</td> <td>265</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>770</td> <td>208</td> <td>385</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>160</td> <td>214</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td style="border: 1px solid black; padding: 2px;">(\$) 770</td> </tr> </tbody> </table>										Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid	101	770	201	385	Utility filing fee	770	106	340	206	170	Design filing fee		107	530	207	265	Plant filing fee		108	770	208	385	Reissue filing fee		114	160	214	80	Provisional filing fee		<b>SUBTOTAL (1)</b>					(\$) 770
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<b>2. EXTRA CLAIM FEES</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Entity Fee Code</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>-20**</td> <td>0</td> <td>\$18</td> <td>\$0</td> </tr> <tr> <td>2</td> <td>-3**</td> <td>0</td> <td>\$86</td> <td>\$0</td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td style="border: 1px solid black; padding: 2px;">(\$) 0.00</td> </tr> </tbody> </table>										Total Claims	Entity Fee Code	Extra Claims	Fee from below	Fee Paid	16	-20**	0	\$18	\$0	2	-3**	0	\$86	\$0	<b>SUBTOTAL (2)</b>					(\$) 0.00																					
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<b>SUBTOTAL (2)</b>					(\$) 0.00																																														
Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid	Fee Paid	Fee Paid	Fee Paid	Fee Paid																																										
103	18	203	9	Claims in excess of 20	128	2,010	228	1,005	Extension for reply within fifth month																																										
102	86	202	42	Independent claims in excess of 3	119	330	219	165	Notice of Appeal																																										
104	290	204	140	Multiple dependent claim, if not paid	120	330	220	165	Filing a brief in support of an appeal																																										
109	86	209	42	** Reissue independent claims over original patent	121	280	221	145	Request for oral hearing																																										
110	18	210	9	** Reissue claims in excess of 20 and over original patent	138	1,510	138	1,510	Petition to institute a public use proceeding																																										
<b>SUBTOTAL (2)</b>					(\$) 0.00	140	110	240	55	Petition to revive – unavoidable																																									
<b>Other fee (specify)</b>					(\$ 40.00)	141	1,330	241	665	Petition to revive – unintentional																																									
<b>*Reduced by Basic Filing Fee Paid</b>					(\$ 40.00)	142	1,330	242	665	Utility issue fee (or reissue)																																									
<b>SUBTOTAL (3)</b>					(\$ 40.00)	143	480	243	240	Design issue fee																																									
<b>40.00</b>						144	640	244	320	Plant issue fee																																									
<b>40.00</b>						122	130	122	130	Petitions to the Commissioner																																									
<b>40.00</b>						123	50	123	50	Processing fee for provisional applications																																									
<b>40.00</b>						126	180	126	180	Submission of Information Disclosure Stmt																																									
<b>40.00</b>						581	40	581	40	Recording each patent assignment per property (times number of properties)																																									
<b>40.00</b>						146	770	246	385	Filing a submission after final rejection (37 CFR § 1.129(a))																																									
<b>40.00</b>						149	770	249	385	For each additional invention to be examined (37 CFR § 1.129(b))																																									
<b>40.00</b>						179	770	279	385	Request for Continued Examination (RCE)																																									
<b>40.00</b>						169	900	169	900	Request for expedited examination of a design application																																									

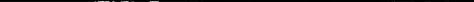
\*\*or number previously paid, if greater; For Reissues, see above

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SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Michael C. Greenbaum	Registration No. (Attorney/Agent)	28,419	Telephone (202) 944-3000
Signature				Date May 7, 2004